

## Special Clubbing Offer

Special Arrangement We Offer You  
The Hopkinsville Kentuckian  
AND

The Nashville Banner  
Both One Year, For Only

# \$4.50

This is an unusually liberal offer, and you should take advantage of it without delay. The Hopkinsville Kentuckian will give you all the home and local news and the Banner will give you all the foreign and general news.

This is the reading season, and everybody who wants to keep up with the times must have reliable, high-class newspapers.

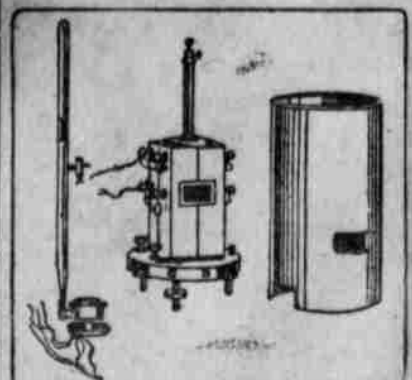
Trial order of The Banner one month 25c. This rate is not good in town where The Banner is delivered at 10c per week. Also all points outside of Tennessee, North Alabama and Southern Kentucky the rate is 50c per month or \$5.00 per year.

## GIVES STARS' HEAT

Radiation Pyrometer Is Most Remarkable Invention.

Can Measure the Heat of Plants Millions of Miles Away—Has Most Delicate Battery Ever Constructed.

It may not mean much to you to be told a machine has been invented that can measure the heat of the stars millions of miles away, but when the proposition is given in terms of familiar things one, in a measure, appreciates the marvel of the contrivance. Suppose a German soldier, thinking himself shielded from observation, struck a match to light his pipe, but that a three-foot reflector, on a mountain 53 miles away, caught his image with the little flaming light—then, with a marvelous instrument, would the observer be able to tell exactly the heat of the flame.



Heat-Measuring Instrument.

Sirius, the "celestial furnace," being 40 times hotter than the sun, and having an atmosphere of glowing hydrogen, is so far away that its stupendous heat cannot affect any known thing save the magical meter of W. W. Coblentz of the United States bureau of standards, who demonstrated his invention at the Lick observatory, Mount Hamilton, Cal. It is called a radiation pyrometer and the thermo-electric battery used is, perhaps, the most delicate ever constructed.

Mr. Coblentz measured the heat that reaches the earth from 112 celestial bodies, including 105 stars. If even Sirius were as near to the earth as the sun, our poor little planet would shrivel up in the heat, a glowing-hot sphere, which would finally dissolve into the dust of ashes.

The vital part of the instrument is a thermal battery made by joining two wires of different metals—either platinum and silver or bismuth and silver—and covering the junction with a heat-absorbing surface painted with lamp-black.

The wire used is so fine that it can scarcely be seen without the aid of a reading glass and the absorbing surface is about the size of a pinhead.

This battery is inclosed in a glass cell with a window of fluorite. A vacuum is maintained in the cell, and it is placed in a telescope so that the light of the star to be observed is focused upon the fluorite window.

The tiny battery, or thermo-couple, is connected with a tangent galvanometer, which is inclosed in an armor of soft Swedish iron to protect it from extraneous magnetic influences.

Thus the amount of current generated in the thermo-couple by the heat of the star is measured by the galvanometer. Within the galvanometer a mirror smaller than a pinhead is suspended upon a fine thread of spun quartz.

Some distance in front of the window in the galvanometer a scale is set up with a strong light upon it. This scale is reflected in the little mirror, which is observed through a microscope.

There is a tiny dot upon one side of the face of the mirror. The generation of current in the thermo-couple causes the quartz thread to twist, turning the mirror from side to side, and this deflection is measured upon the reflected image of the scale.

Now, as we know—or at least as we have been taught to believe—heat is a mode of motion. So is sound. Which prompts Mark Telfair to ask in this connection: "If we may detect and measure heat from sources millions of miles away, why may we not, by the aid of such wizards as Edison and Bell, be placed in possession of an instrument as wonderful as the radiation pyrometer which would transmit to us the sounds from the planets which may have tremendous human activities? And who can deny that there are not other inhabited spheres?"

Oh, Shucks.

Tomdix—I thought you was a suitor for the hand of Miss Gotrox?  
Hojax—I was, but I didn't.  
Tomdix—Didn't what?  
Hojax—Didn't suit her.

Usual Thing.

His Wife—I got into an awful jam at that bargain sale today.  
Her Husband—Is that so?  
His Wife—Yes; all the money was squeezed out of my purse.

Rather Indefinite.

"At about what age does a man usually begin to get bald?" asked the teacher.  
"What kind of a man—married or single?" queried the bright pupil.

Oof! Oof!

Groome—What motive had your son for becoming a railway engineer?  
Grins—A locomotive, I presume.

## Woman Past Help.

Chandler, Okla.—In a letter from this place, Mrs. Ella Flowers says: "I hardly know how to thank you for the good that Cardui has done me. Before I tried Cardui, I thought I was past help, but after taking it I was relieved at once, and gained at least 10 pounds. Everybody says I look so much better. I am still improving greatly." Many women are completely worn out and discouraged, on account of womanly weakness. Are you? Have you not tried Cardui? It only needs a few doses to convince you that Cardui is just what you need. Try it today. It will cure your pains.

Advertisement.

## THE MARKET BASKET

(Prices at Retail.)

Spring chicken each.....	30c
Eggs per dozen.....	30c
Butter per pound.....	35c
Country hams, large, pound.....	21c
Country hams, small, pound.....	22c
Lard, pure leaf, pound.....	15c
Lard, compound, 8 pounds.....	\$1.00
Cabbage, per pound.....	2c
Sweet potatoes.....	25c per peck
Irish potatoes.....	25c per peck
Lemons, per dozen.....	25c
Cheese, cream, per lb.....	25c
Cheese, Swiss, per lb.....	30c
Home-grown apples, peck.....	25c
Sugar, 15 pounds.....	\$1.00
Flour, 24-lb. sack.....	95c
Corameal, bushel.....	\$1.10
Oranges, per dozen.....	50c to 60c
Apples dozen.....	15c to 20c

WE HAVE THEM NOW—As we have just received our large importation of Holland grown bulbs of all kinds—METCALF THE FLORIST. Advertisement.

## Safety First.

"You say that you want some name engraved on this ring," said the jeweler to the bashful young man. "Yes, I want the words 'George to his dear Alice' engraved on the inside of the ring." "Is the young lady your sister?" "No, she is the young lady to whom I am engaged." "Well, if I were you I would not have 'George to his dear Alice' engraved on the ring. If Alice changes her mind you can't use the ring again." "What would you suggest?" "I would suggest the words 'George to his first and only love.' You see, with that inscription you can use the ring half a dozen times. I have had experience in such matters myself."—New York Journal.

Will pay highest market price for ear corn. Want 50,000 bushels.  
THE ACME MILLS,  
(Incorporated.)

## Care of Matting.

Try sewing your new matting with raffia. Dampen and split each strand. This will make a fine seam that will look well on either side. When laying new matting one can prevent ridges and wrinkles if, after putting down as smooth as possible, you will wash with a pail of hot water, to which a cup of salt has been added. Leave quite wet and in drying the matting will shrink into place. The salt toughens it. Wash with the grain of the matting. Never sweep matting with an uncovered broom, as it will split the fiber, but cover the broom with a soft cotton flannel bag and dip in salt water to brighten it.

## Candy Price List.

Ho-rhoad drop, extra	
strong, per lb.....	15c
Peanut candy, per lb.....	15
Cocoanut candy, per lb.....	15c
Napoleon cream candy, per lb.....	20c

P. J. BRESLIN,  
No. 8, Sat. Street.

## SUBURBAN BARGAINS

We now offer for sale two small suburban homes very cheap.

No. 1 is located just outside of City and contains about 2 acres land, good improvements 100 fine fruit trees, berries and grapes. Our price on this one \$2,000. Easy terms.

No. 2 is 2½ acres, 2 small houses and barn, good cistern and well, some nice fruit, located about 2 miles out on good pike. If taken soon \$600 gets it.

Home Investment Agency  
CHAS. F. SHELTON, Mgr.

## MUSIC AND HEALTH

Influence Was Recognized Even in Biblical Times.

Through Medium of Nervous System Marvellous Changes, Physical and Chemical, Are Brought About by Tonal Vibrations.

The power of music to influence the health of the listener has been recognized from early times and became historical in the attempts of David to drive out Saul's distemper. We believe no one has been bold enough to ascribe any direct influence of tonal vibration upon the material of the body, but through the medium of the nervous system marvellous changes, physical and chemical, come to pass, and the effects of the art, which, above all others, plays upon the emotions, must certainly be more than trifling. Even the unmusical, those who are not especially susceptible to sweet sounds, are affected differently by a jig or a funeral march.

A national society of musical therapeutics was founded last year and the names of a number of physicians appear on the list of members. A magazine for the purpose of helping along the movement to use music as a means to health has been started, and it seems as if the subject would be looked into deeply and the place of music as a therapeutic agency placed in its proper pigeonhole, for reference in suitable cases.

One wonders what is the general influence of the present ragtime craze upon the mental and physical condition of its hearers. Being in no wise serious, but, on the contrary, happy-go-lucky in mechanism and performance, it certainly cannot depress vitality and is far better in this respect than the popular melodies of a generation or two since, which were, with a few exceptions, tinged with melancholy. The African jingles of the present day create an emotional atmosphere of restlessness and excitement which is typically American, and which is opposed to health only so far as our national restlessness and lack of poise tend to make us a people whose national disease is nervous exhaustion.—New York Medical Journal.

## DOES CAT THINK WITH FEET?

Ability Always to Land on Them Seems to Point to Natural Conclusions.

There is nothing especially striking about the feet of a cat except its ability always to land on them. Hold a young cat by its feet a short distance from the ground for a few seconds and then let go. The cat's back, being heavier than its feet, should strike the ground first. But it doesn't. Just as the cat is being let go it gives a quick upward thrust with its chest and as its feet are freed they swing under it so it lands on them.

In the case of the young cat that has never experienced this before, it



Always Lands on Its Feet.

doesn't know that it is going to be dropped. If it were a long drop, there would be time to think, but in the short drop the cat must act and act immediately. In fact, it is really beforehand. The natural conclusion then is that this faculty in the cat is located in its feet. It is inherent in them. It wouldn't be anything for a cat to turn over this way after it is mature, but it is a different thing that a cat does it without anybody ever having shown him how.

## Indian Workers in the Country.

The great mass of the Indian workers in the United States are engaged in a comparatively small number of occupations. The latest official figures show that 55.4 per cent of the total number of gainfully employed Indians are in seven occupation groups—agricultural laborers, 35.5 per cent; farmers and stock raisers, 29.2 per cent; lumbermen, raftsmen and woodchoppers, 2.4 per cent; laborers in manufacturing and transportation, 6.3 per cent; laundresses and laundries, 1.9 per cent, and servants and waiters, 2.6 per cent.

## Quick, Officer—The Wagon!

"Why is it?" queried the horse reporter, "that you do most of your writing in your shirt sleeves?"  
"Because," explained the humorist, "that is where my funny-bone is located."

## How to Catch a Husband.

Mrs. Flatfoot—Yo' shore am lucky. How did yo' all catch er second husband so quick—huh?  
Mrs. Snowball—Dat wuz easy. Ab done sot a bear trap at de doah ob mah chicken coop.



## Time Card

Effective Friday, Apr. 2, 1915.

### TRAINS GOING SOUTH.

No. 93—C. & N. O. Lim. 11:56 p. m.  
No. 51—St. L. Express 5:29 p. m.  
No. 95—Dixie Flyer 9:35 a. m.  
No. 55—Hopkinsville Ar. 7:00 a. m.  
No. 53—St. L. East Mail 5:36 a. m.

### TRAINS GOING NORTH.

No. 92—C. & St. L. Lim., 5:29 a. m.  
No. 52—St. Louis Express 9:55 a. m.  
No. 94—Dixie Flyer 7:08 a. m.  
No. 56—Hopkinsville Ac. 8:55 p. m.  
No. 54—St. L. East Mail 10:16 p. m.

No. 51 connects at Guthrie for Memphis and points as far south as Erin, and for Louisville, Cincinnati and the East.

No. 53 and 55 make direct connections at Guthrie for Louisville, Cincinnati and all points east and west thereof.

No. 50 carries through sleepers to Atlanta, Memphis, Jacksonville, St. Augustine and Tampa. Also Pullman sleepers to New Orleans. Connect at Guthrie for points East and West. No. 50 does not carry local passengers for points north of Nashville, Tenn.

J. C. HOGE, Agt.

## SPECIAL TO WOMEN

The most economical, cleansing and germicidal of all antiseptics is

# Paxtine

A soluble Antiseptic Powder to be dissolved in water as needed.

As a medicinal antiseptic for douches in treating catarrh, inflammation or ulceration of nose, throat, and that caused by feminine ills it has no equal. For ten years the Lydin E. Pinkham Medicine Co. has recommended Paxtine in their private correspondence with women, which proves its superiority. Women who have been cured say it is "worth its weight in gold." At druggists. 50c. large box, or by mail, The Paxton Toilet Co., Boston, Mass.

## Counting Your Money



will occupy your entire time when you become a regular advertiser in THIS PAPER. Unless you have an antipathy for labor of this kind, call us up and we'll be glad to come and talk over our proposition.

No other building material offers such a low cost of maintenance as Brick.

There is literally nothing to do, year after year to the outside walls of a Brick House.

If you are building for home or investment, why use a material which must be constantly painted, repaired or even replaced. Why not use

# BRICK

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EVERLASTING  
MATERIAL.  
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USE BRICK

DALTON BROTHERS BRICK CO.,  
INCORPORATED

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"Onyx" Hosiery

Gives the BEST VALUE for Your Money

Every Kind from Cotton to Silk, For Men, Women and Children

Any Color and Style From 25c to \$5.00 per pair

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WHOLESALE Lord & Taylor NEW YORK

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With ample working capital, exceptional collection arrangements, and a thoroughly organized office system this bank has the ability and disposition to extend to its customers every facility warranted by safe, conservation banking.

THREE PER CENT. INTEREST ON TIME CERTIFICATES OF DEPOSIT.

## BANK OF HOPKINSVILLE

Nat Gaither, President; J. E. McPherson, Cashier; H. L. McPherson, Asst. Cashier.

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